WINNERS OF THE FY2006 COMPETITION UNDER THE DEFENSE UNIVERSITY RESEARCH INSTRUMENTATION PROGRAM -- Page 1 of 5

Investigator's Name	Institution	State	Brief Description of Instrumentation or Research It Supports	Awarding Office(s)
Christer B. Aakeroy	Kansas State University	KS	Single-crystal X-ray Diffractometer with Low-temperature Attachment	ARO
Edgar Acuna-Fernandez	University of Puerto Rico - Mayaguez	PR	Computational and Statistical Learning for Knowledge Discovery and Data Mining	ONR
Ronald J. Adrian	Arizona State University - Tempe	AZ	200,000,000 Frame per Second Camera for Microdetonics Research	ARO
Arvind Agarwal	Florida International University	FL	Evaluating Nanomechanical Properties of Bulk Nanocomposites and Coatings	ONR
Matthew H. Alford	University of Washington	WA	Mooring Equipment for Nonlinear Internal Waves Experiment	ONR
Mohsen Badiey	University of Delaware	DE	System for Underwater Acoustic Communication and Tomography in Shallow Water	ONR
Rodney J.Bartlett	University of Florida	FL	High-performance Computer Cluster for Quantum Chemistry Research	AFOSR
Robert F. Beck	University of Michigan	MI	Coherent Radar for Ocean Wave Field Measurements and Coastal Applications	ONR
Gregory Belenky	State University of New York - Stony Brook	NY	GaSb-based Laser Sources for the Micrometer Atmospheric Transparency Windows	AFOSR
Gregory L. Belenky	Washington State University - Spokane	WA	Equipment for Quantifying Human Sleep and Performance Effects	AFOSR
Pallab Bhattacharya	University of Michigan	MI	Pulsed Laser for Study of Quantum Dots	ARO
Christopher W. Bielawski	University of Texas - Austin	TX	Characterization of Electroactive Self-healing Materials	ARO
Michael J. Black	Brown University	RI	Instrumentation for Modeling Dexterous Manipulation	ONR
Carl Boehlert	Michigan State University	MI	Predicting Processing-microstructure Property Relationships of Structural Alloys	AFOSR
Glenn Boreman	University of Central Florida	FL	Ultrahigh-vacuum Evaporator for Infrared Antenna Fabrication	ONR
Terrance Boult	University of Colorado - Colorado Springs	CO	Flexible Imaging Systems and Imaging in Dispersive Media	ONR
Robert W. Boyd	University of Rochester	NY	Instrumentation for Quantum Imaging	ARO
Rafael L. Bras	Massachusetts Institute of Technology	MA	Total Station for Hydrological, Geomorphological and Ecological Studies	ARO
Cynthia L. Breazeal	Massachusetts Institute of Technology	MA	Robots to Support Complex Human-robot Teamwork in Uncertain Environments	ONR
Kenny Breuer	Brown University	RI	High-speed Motion Velocimetry System for Studies in Maneuvering Flight in Bats	AFOSR
Richard R. Brooks	Clemson University	SC	Adaptive Warfare Research	ARO
Paul D. Calvert	University of Massachusetts - Dartmouth	MA	Bioderived and Biomimetic Textiles and Soft Composites	ARO
Mark E. Campbell	Cornell University	NY	Multiple SeaScan UAV System for Semi-autonomous Cooperative Control	AFOSR
David P. Cann	Oregon State University	OR	High-temperature X-ray Diffraction System for Materials Research	ONR
Robert W. Carpick	University of Wisconsin - Madison	WI	Instrumentation for Multifunctional Surface Spectroscopy	AFOSR
Nicholas P. Carter	University of Illinois - Urbana/Champaign	IL	Reconfigurable Acceleration of Multidomain Simulations	ONR
Albert W. Castleman, Jr	Pennsylvania State University	PA	Deposition of Cluster Assembled Nanoscale Materials	AFOSR
J. Michael Cathcart	Georgia Institute of Technology	GA	Multispectral Infrared Data Collection System	ARO
Zbigniew J. Celinski	University of Colorado - Colorado Springs	CO	67-110 Gigahertz Millimeter Wave Test Set with Probe Station	ARO
Venkat Chandrasekhar	Northwestern University	IL	Scanning Electron Microscope for Fabrication of Novel Nanometer-scale Samples	ARO
Ioannis Chasiotis	University of Illinois - Urbana/Champaign	IL	Mechanical Testing System for Microelectromechanical Systems and Small-scale Samples	AFOSR
Nikhilesh Chawla	Arizona State University - Tempe	AZ	Mechanical Testing System for Fatigue Crack Growth of Metallic Composites	ONR
Christopher C. Cheatham	Western Michigan University	MI	Study of Environmental Conditions on Human Physiology and Performance	ARO
Antony D. Clarke	University of Hawaii - Manoa	HI	Aerodyne Aerosol Mass Spectrometer	ONR
Rene L. Cruz	University of California - La Jolla	CA	Ad-hoc Wireless Networks	ARO
Mary L. Cummings	Massachusetts Institute of Technology	MA	Mobile Advanced Command and Control Station Experimental Testbed	ONR
Raju V. Datla	Stevens Institute of Technology	NJ	Planar Motion Mechanism for Maneuvering of Surface and Submersible Vehicles	ONR

* The awarding offices are the Army Research Office (ARO), Office of Naval Research (ONR), and Air Force Office of Scientific Research (AFOSR).

WINNERS OF THE FY2006 COMPETITION UNDER THE DEFENSE UNIVERSITY RESEARCH INSTRUMENTATION PROGRAM -- Page 2 of 5

Investigator's Name	Institution	State	Brief Description of Instrumentation or Research It Supports	Awarding Office(s)
Patrick S. Daugherty	University of California - Santa Barbara	CA	Biomolecular Interaction Analysis	ARO
Grant B. Deane	University of California - San Diego	CA	Vector Sensor Array	ONR
Richard G. Dekany	California Institute of Technology	CA	Adaptive Optics High Resolution Imaging Testbed	AFOSR
Linda C. DeVeaux	Idaho State University	ID	Transcriptome Analysis of Microbial Stress Response	ARO
G. Charles Dismukes	Princeton University	NJ	Mass Spectrometer for Metabolomics Studies and Microbial Biohydrogen Production	AFOSR
William E. Eichinger	University of Iowa	IA	Helicopter Observation Platform for Measurements of Aerosol Transport	ARO
Andrew D. Ellington	University of Texas - Austin	TX	High-throughput Directed Evolution of Receptors by Cell Sorting	ONR
Nadia A. Elmasry	North Carolina State University	NC	Magnetometer for Characterization of Spin Electronic Devices	ARO
Frank Ernst	Case Western Reserve University	OH	Scanning Probe Microscopy and Spectroscopy	ARO
Hermann F. Fasel	University of Arizona - Tucson	AZ	Flow Simulation Equipment	AFOSR, ARO
Martin M. Fejer	Stanford University	CA	Gas Manifold and Delivery Package for Hydride Vapor-phase Epitaxy Deposition System	AFOSR
Elizabeth M. Fisher	Cornell University	NY	Enhanced Analysis of Combustion Products and Intermediates	ARO
Douglas J. Fouts	U.S. Naval Postgraduate School	CA	Electronic Warfare Reconfigurable Signal Processing Computer Upgrade	ONR
Gerald S. Frankel	Ohio State University	OH	Equipment for Corrosion Measurement	AFOSR
Wayne D. Frasch	Arizona State University - Tempe	AZ	Microscope System to Observe and Document Single Molecules	AFOSR
John W. Frost	Michigan State University	MI	Automation of Directed Evolution Experiments	ONR
Henry Fuchs	University of North Carolina - Chapel Hill	NC	Computing for Real World Acquisition, Display and Immersive Training	ONR
Marcelo H. Garcia	University of Illinois - Urbana/Champaign	IL	Equipment for Large Oscillating Water-sediment Tunnel	ONR
Jose J. Garcia-Luna	University of California - Santa Cruz	CA	Dynamic Ad-hoc Wireless Network	ARO
Devendra P. Garg	Duke University	NC	Integrated Sensor Fusion Platform	ARO
Ronald M. Gilgenbach	University of Michigan	MI	Versatile Ultrawideband Generator with Novel Antenna	AFOSR
James Girton	University of Washington	WA	Internal Tide Surveying Equipment	ONR
Ari Glezer	Georgia Institute of Technology	GA	Diagnostics for Dynamic Flight Maneuvering Using Controlled Trapped Vorticity	AFOSR
Kenneth E. Goodson	Stanford University	CA	High-speed Confocal Imaging of Multiphase Microfluidic Systems	ONR
Steven G. Greenbaum	City University of New York - Hunter College	NY	Studies of Structures and Dynamics of Energy Storage and Conversion Materials	ONR
Steven T. Griffin	University of Memphis	TN	Terahertz Sensor Research	ONR
Karolos M. Grigoriadis	University of Houston	TX	Internal Combustion Engine Emission Analyzer	ARO
Chunlei Guo	University of Rochester	NY	Laser Equipment to Study Collective Electron Responses of Atoms and Molecules	AFOSR
Stephen D. Heister	Purdue University	IN	Computer Cluster for Rocket Engine Injector Simulations	AFOSR
Arthur H. Heuer	Case Western Reserve University	OH	Mapping Oxidation-induced Growth Stresses in Alumina Scales on Nickel-base Alloys	ONR
Vincent J. Hilser	University of Texas - Galveston	TX	High-throughput screening for Vaccine and Therapeutics	ARO
Jennifer E. Hoffman	Harvard University	MA	Spin Polarized Scanning Tunneling Microscope to Manipulate and Image Nanostructures	AFOSR
Manuel A. Huerta	University of Miami	FL	Equipment for Multidimensional Magnetohydrodynamics Simulations	AFOSR
Tissa Illangasekare	Colorado School of Mines - Golden	CO	Near-surface Unsaturated Zone Land-atmospheric Interactions	ARO
Ravi K. Jain	University of New Mexico	NM	Nonlinear Optics in Novel Quantum Dot Materials	ARO
Ravi K. Jain	University of New Mexico	NM	Fiber Fabrication Equipment for High-power Laser Research	AFOSR
Sushil Jajodia	George Mason University	VA	Secure Information Systems	ARO

* The awarding offices are the Army Research Office (ARO), Office of Naval Research (ONR), and Air Force Office of Scientific Research (AFOSR).

WINNERS OF THE FY2006 COMPETITION UNDER THE DEFENSE UNIVERSITY RESEARCH INSTRUMENTATION PROGRAM -- Page 3 of 5

Investigator's Name	Institution	State	Brief Description of Instrumentation or Research It Supports	Awarding Office(s)
Yiguang Ju	Princeton University	NJ	Diagnostics for Combustion and Ignition Enhancement using the Non-Equilibrium Plasma	AFOSR
Peter A. Jumars	University of Maine	ME	Evaluating Sonar Target Strengths and Behaviors of Emergent Animals	ONR
Surya R. Kalidindi	Drexel University	PA	Orientation Imaging Microscopy System for Nonlinear Elastic Solids	ARO
Joseph Katz	The Johns Hopkins University	MD	Measuring Flow, Turbulence, Performance and Cavitation for Marine Jet Propulsion	ONR
Carl T. Kelley	North Carolina State University	NC	Xeon Compute Nodes for Nanomolecular Electronics Research	ARO
Michael J. Kelley	The College of William & Mary	VA	Laboratory Equipment for Laser Deposition of Organic Thin Films and Coatings	ONR
Michael R. Kessler	Iowa State University	IA	Self-healing Composites, Bulk Metallic Glass and Ionically Conducting Glass	ARO
Galen B. King	Purdue University	IN	Enhanced Laser System for Time-series Measurements in Turbulent Flames	AFOSR
Robert A. Knox	University of California - San Diego	CA	State of the Art Multibeam Swath Bathymetry Sonar System	ONR
Vitaly Kocharovsky	Texas A&M University	TX	Imaging System for Time-resolved Studies of Mid/Far-infrared Semiconductor Sources	AFOSR
Hamid Krim	North Carolina State University	NC	Testbed for Range Imaging and 3D Object Measurement	AFOSR
Yasuo Kuga	University of Washington	WA	220-500 Gigahertz Materials Characterization and Imaging Systems	ONR
Alex Kuzmich	Georgia Institute of Technology	GA	Laser System for Confinement of Collective Atomic Qubits	ONR
Patrick Y. Kwon	Michigan State University	MI	Experimental Equipment for Powder Processing	AFOSR
Jennifer A. Lewis	University of Illinois - Urbana/Champaign	IL	Robotic System for Direct-write Assembly of Bio-inspired Nanostructures	AFOSR
Randolph V. Lewis	University of Wyoming	WY	Proteomics for Proteins of Spider Silks and Chronic Wasting Disease	AFOSR
Jon P. Longtin	State University of New York - Stony Brook	NY	Next Generation Ultrafast Laser for Micromachining of Sensors and Electronics	AFOSR
James F. Lynch	Woods Hole Oceanographic Institution	MA	Surveillance, Shallow Water Acoustics and Coastal Oceanography Equipment	ONR
Michael E. Mackay	Michigan State University	MI	Fibers and Films Enhanced Through Nanoparticle Incorporation	ARO
Jonathan J. Makela	University of Illinois - Urbana/Champaign	IL	Equatorial Nighttime Observatory Equipment	ONR
Galina I. Malovichko	Montana State University	MT	Multifrequency System for the Study of Defects in Solids	ARO
Dinesh Manocha	University of North Carolina - Chapel Hill	NC	High-performance Clusters for Modeling and Simulation	ARO
Lealon L. Martin	Rensselaer Polytechnic Institute	NY	Screening Photoactive Nanomaterial on Nanoporous and Mesoporous Supports	ARO
Glenn A. Martin	University of Central Florida	FL	Augmented Reality System	ARO
Manuel Martinez-Sanchez	Massachusetts Institute of Technology	MA	Instrumentation for Micropropulsion Research	AFOSR
Theresa S. Mayer	Pennsylvania State University	PA	Radio Frequency Sensor Materials and Device Test System	ONR
Eric Mazur	Harvard University	MA	High-energy, High-intensity Regenerative Amplified Femtosecond Laser System	ARO
Laurie E. McNeil	University of North Carolina - Chapel Hill	NC	Replacement Detector for Raman Apparatus	ARO
Richard B. Miles	Princeton University	NJ	Laser System for Properties and Species Diagnostics by Radar Multiphoton Ionization	AFOSR
Lubos Mitas	North Carolina State University	NC	Integrated Tactile and Virtual Dynamic Landscape Simulation System	ARO
Srinivasa G. Narasimhan	Carnegie Mellon University	PA	Flexible Imaging Systems and Imaging in Dispersive Media	ONR
Ram M. Narayanan	Pennsylvania State University	PA	Generating and Analyzing Diversified Waveforms for Reliable Covert Communications	ONR
Dana Nau	University of Maryland - College Park	MD	Adversarial Reasoning Under Uncertainty	AFOSR
Shree Nayar	Columbia University	NY	Flexible Imaging Systems and Imaging in Dispersive Media	ONR
Shahriar Negahdaripour	University of Miami	FL	Integrated High-precision Opti-acoustic Imaging and Positioning Platform	ONR
Sia Nemat-Nasser	University of California - San Diego	CA	Full-field 3D Measurement in Blast and Impact-induced Deformations	ONR
Thuc-Nguyen Nguyen	University of California - Santa Barbara	CA	Variable Temperature Vacuum Probe for Semiconducting Materials Characterization	AFOSR

* The awarding offices are the Army Research Office (ARO), Office of Naval Research (ONR), and Air Force Office of Scientific Research (AFOSR).

WINNERS OF THE FY2006 COMPETITION UNDER THE DEFENSE UNIVERSITY RESEARCH INSTRUMENTATION PROGRAM -- Page 4 of 5

Investigator's Name	Institution	State	Brief Description of Instrumentation or Research It Supports	Awarding Office(s)
Peng Ning	North Carolina State University	NC	Wireless Sensor Network Testbed	ARO
Daniel L. Noneaker	Clemson University	SC	Mobile Wireless Communications Networks	ONR
Michael L. Norton	Marshall University	WV	Directed Sequential Self-assembly of Nanostructures Research	ARO
Douglas P. Nowacek	Florida State University	FL	Use of Multifrequency Hydroacoustics to Study Cetacean Foraging Ecology	ONR
Kenneth M. O'Hara	Pennsylvania State University	PA	Investigating Quantum Spin Models and Quantum Computing in an Atomic Gas	AFOSR
John Carter Ohlmann	University of California - Santa Barbara	CA	Global Positioning Systems-located, Reusable Drifters for Naval Research	ONR
Panagote M. Pardalos	University of Florida	FL	Equipment for Applied Optimization Research	AFOSR
Nasser Peyghambarian	University of Arizona - Tucson	AZ	Rewritable 3D Display Using Photorefractive Holographyic Stereogram	AFOSR
Robert W. Pitz	Vanderbilt University	TN	Ultraviolet Raman Scattering for Measurement of Scramjet Combustion	AFOSR
Christian Poellabauer	University of Notre Dame	IN	Sensor-rich Wireless Systems Testbed	ARO
Dan O. Popa	University of Texas - Arlington	TX	Wafer Bonding Equipment for Microsystems Packaging	ONR
Mark G. Raizen	University of Texas - Austin	TX	Atom Optics and Interferometry with Ground State Noble Gas Atoms	ARO
Rishi Raj	University of Colorado - Boulder	CO	Small Angle X-ray Scattering System for Nanostructural Research	AFOSR
Joseph A. Randi	Pennsylvania State University	PA	Nanoindenter for Electro-optical Research	ONR
Asok Ray	Pennsylvania State University	PA	Complex Systems Failure	ARO
Robert Reed	Vanderbilt University	TN	Radiation Effects on Emerging Electronic Materials and Devices	AFOSR
Steven A. Ringel	Ohio State University	OH	Deep Level Spectroscopy of Wide Bandgap Electronics	ONR
Rodney S. Ruoff	Northwestern University	IL	In-situ Variable Temperature Mechanical Testing for Nanocomposites Research	AFOSR
Massimo Ruzzene	Georgia Institute of Technology	GA	Structural Imaging and Manufacturing Equipment	ARO, AFOSR
Joseph E. Salah	Massachusetts Institute of Technology	MA	Augmentation of the Mileura Widefield Array for Solar and Space Weather Applications	AFOSR
S. Shankar Sastry	University of California - Berkeley	CA	Highly Collaborative Vehicles	ARO, ONR
Sikhanda S. Satapathy	University of Texas - Austin	TX	Ultrahigh-speed Temperature and Strain Mapping for Sliding Electrical Contacts	ONR
Wallace G. Sawyer	University of Florida	FL	Nanotribological and Surface Metrology for Multifunctional Nanocomposites Research	AFOSR
Ali Sayir	Case Western Reserve University	OH	Tribometer for Ultraharsh Environments	AFOSR
John E. Scharer	University of Wisconsin - Madison	WI	Advanced Laser and Radio Frequency Plasma Sources and Diagnostics	AFOSR
Axel Scherer	California Institute of Technology	CA	An Optical Probe-station for the Automated Measurement of Nanophotonic Devices	AFOSR
Henrik Schmidt	Massachusetts Institute of Technology	MA	Research into Autonomous and Adaptive Acoustic Surveillance in the Littoral	ONR
Olaf Schneewind	University of Chicago	IL	Inhalation Studies of New Vaccines and Therapeutics	ARO
Noel N. Schulz	Mississippi State University	MS	Hardware in the Loop Testing and Analysis of Advanced Power Control System	ONR
Mark J. Schulz	University of Cincinnati	OH	Development of a Smart Nanofurnace to Synthesize Long Carbon Nanotube Arrays	ONR
David N. Seidman	Northwestern University	IL	Pulsed-laser Enhancement for 3D Characterization of Materials	ONR
Mansoor Sheik-Bahae	University of New Mexico	NM	Instrumentation for the Solid State Optical Cryocooler Research	AFOSR
Marek Showronski	Carnegie Mellon University	PA	Site Selective Defect Analysis Equipment	ARO
Sivalingam Sivananthan	University of Illinois - Chicago	IL	Nondestructive Characterization System	ARO
Victor A. Skormin	State University of New York - Binghamton	NY	Experimental Computer Network Testbed for Information Security Research	AFOSR
Kevin R. Sowers	University of Maryland - Baltimore	MD	High-throughput Monitoring of Biological Dehalogenation and Detoxification	ONR
Jonathan E. Spanier	Drexel University	PA	Electronic Instrumentation for Nanodevice Fabrication	ARO

* The awarding offices are the Army Research Office (ARO), Office of Naval Research (ONR), and Air Force Office of Scientific Research (AFOSR).

WINNERS OF THE FY2006 COMPETITION UNDER THE DEFENSE UNIVERSITY RESEARCH INSTRUMENTATION PROGRAM -- Page 5 of 5

Investigator's Name	Institution	State	Brief Description of Instrumentation or Research It Supports	Awarding Office(s)
James B. Spicer	The Johns Hopkins University	MD	Real Time, Explosive Specific Chemical Sensors	ONR
Janet Sprintall	University of California - San Diego	CA	Ocean Sensor Array to Detect Small-scale Variability	ONR
D. Scott Stewart	University of Illinois - Urbana/Champaign	IL	Computer Cluster for Miniaturized Explosive and Advanced Propellant Systems	AFOSR
V. S. Subrahmanian	University of Maryland - College Park	MD	Heterogeneous Uncertainty Management	ARO
Raden Dwi Susanto	Columbia University	NY	Strait Flow Monitoring	ONR
Frank Talke	University of California - San Diego	CA	Analysis of Brush Wear and Brush Dynamics of a Homopolar Motor	ONR
Dajun Tang	University of Washington	WA	Littoral Environmental Acoustics Research Instrumentation	ONR
Michael A. Temple	U.S. Air Force Institute of Technology	OH	Radio Frequency Signal Intercept and Collection System	AFOSR
Johnson P. Thomas	Oklahoma State University	OK	Secure Sensor Infrastructure for Communications and Surveillance	ARO
James L. Thomas	University of New Mexico	NM	Femtosecond Oscillator and Infrared Detector for Field-enhanced Microscopy	AFOSR
Brian S. Thurow	Auburn University	AL	High-repetition Rate Imaging System for Investigations of High-speed Flow Fields	ARO
Mingzhen Tian	Montana State University	MT	Quantum Computing in Rare-earth Doped Crystal	ARO
Hareesh V. Tippur	Auburn University	AL	Synchronous Dual-actuator Electromechanical Testor for Dynamic Testing	ARO
Panagiotis Tsiotras	Georgia Institute of Technology	GA	Testbed for Autonomous Spacecraft Rendezvous and Docking	AFOSR
Robbert van Renesse	Cornell University	NY	Testbed for Highly Scalable Mission Critical Information Systems	AFOSR
Priya Vashishta	University of Southern California - Los Angeles	CA	Multimillion Atom Simulations of Nanoenergetic Materials	ARO
John L. Volakis	Ohio State University	OH	Equipment for Fabricating Periodic Material Assemblies and Photonic Crystals	AFOSR
Kenneth J. Voss	University of Miami	FL	Polarized Downwelling Spectral Radiance Distribution Camera System	ONR
Ronald L. Walsworth	Harvard University	MA	Investigations of Small, High-stability Rubidium Atomic Clocks	ONR
Junlan Wang	University of California - Riverside	CA	Magnetron Sputtering System for Thin Film Research	ARO
Andrew M. Weiner	Purdue University	IN	Photonic Synthesis and Processing of Ultrabroadband Radio Frequency Waveforms	ARO
Norman M. Wereley	University of Maryland - College Park	MD	Microhovering Air Vehicles with Insect Navigation	ARO
Robert M. Westervelt	Harvard University	MA	Scanning Probe Microscope for Ultrasmall Electronics	ARO
Andrzej Wieckowski	University of Illinois - Urbana/Champaign	IL	Nonlinear Optical Studies of Fuel Cell Electrochemistry	ARO
Dale P. Winebrenner	University of Washington	WA	Terahertz Scattering for Detection of Improvised Explosive Devices	ONR
Charles H. Winter	Wayne State University	MI	Atomic Layer Deposition System for Film Growth and Precursor Development	ARO
Peter Worcester	University of California - San Diego	CA	Very-low Frequency, Broadband, High-efficiency, Autonomous Underwater Acoustics	ONR
Hao Xin	University of Arizona - Tucson	AZ	Novel Active Millimeter-wave Circuits and Antennas	ARO
Zhengyuan Xu	University of California - Riverside	CA	A Solar Blind Non-line of Sight Optical Communication Testbed	ARO
Nicholas John Zabaras	Cornell University	NY	A Beowulf Cluster Dedicated to Robust Materials Design Using Multiscale Mathematics	AFOSR
Avideh Zakhor	University of California - Berkeley	CA	Fast 3D Modeling of Urban Environments	AFOSR
X. C. Zhang	Rensselaer Polytechnic Institute	NY	Advanced Terahertz Fiber Lasers	AFOSR
Zhongfei M. Zhang	State University of New York - Binghamton	NY	Equipment for Experimenting Novel Computation Models	AFOSR
Weidong Zhou	University of Texas - Arlington	TX	Optical Characterization System for Nanocrystal Quantum Dots	AFOSR
Anhong Zhou	Utah State University - Logan	UT	Spectrometer/Microscope System for Bioremediation Study	ARO

* The awarding offices are the Army Research Office (ARO), Office of Naval Research (ONR), and Air Force Office of Scientific Research (AFOSR).